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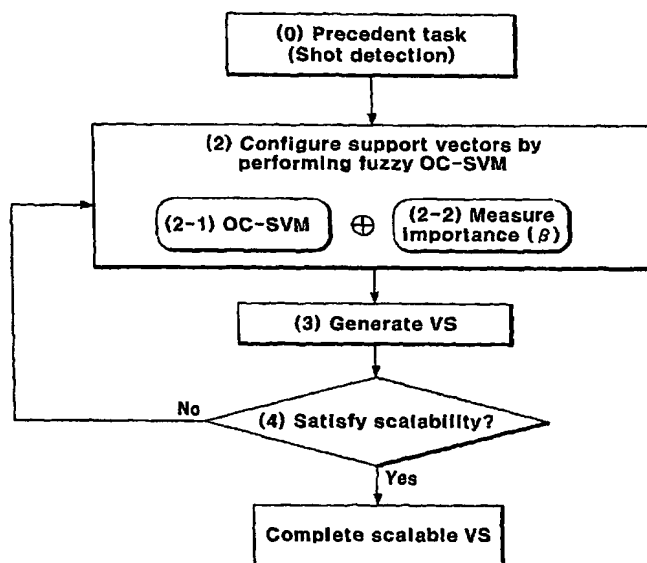
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(54) Title: APPARATUS AND METHOD FOR AUTOMATIC VIDEO SUMMARIZATION USING FUZZY ONE-CLASS SUPPORT VECTOR MACHINES



(57) Abstract: Disclosed is an automatic video summarization device and method using a fuzzy OC-SVM (one-class support vector machine) algorithm. A user's subjective decision is reflected in order to generate an effective video summary, and a method for generating flexible video summary information which satisfies the user's environment or requirements is provided. Important video segments are extracted from a given video, and a sequence of key frames is extracted from the video segments, and hence, the user can catch the contents of the video quickly and access desired video scenes.

WO 2005/001838 A1



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